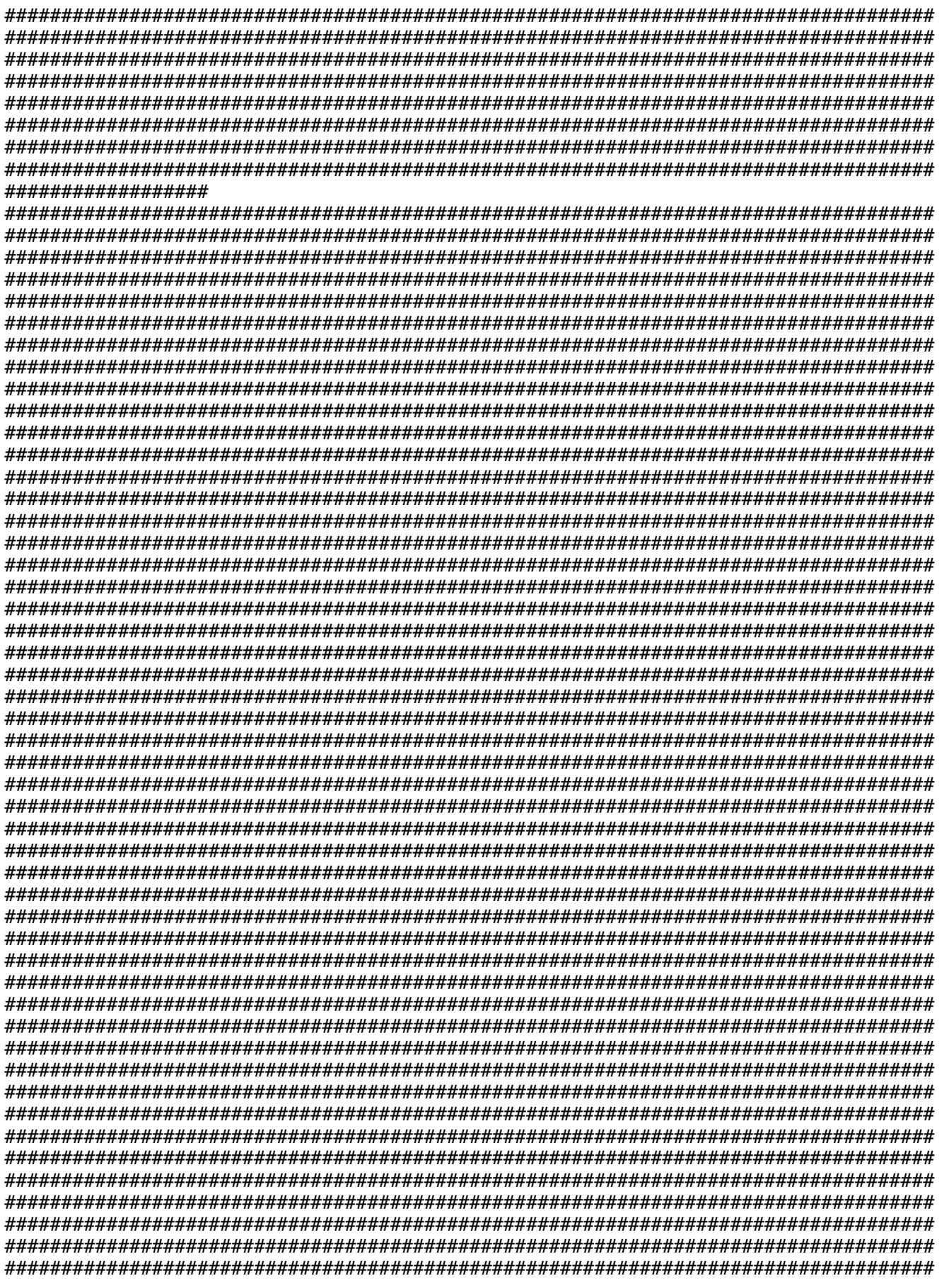

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##ÿÿ ###ÿÿ####Uÿn#ÿÿK#########d#########□###Test and Evaluation Master Plan
(TEMP)Software Test Plan  (STP)Software Test Descriptions (STD)Software Test
Report  (STR)
```

#$#########$#####$###########$#########$####ÿ□#ÿÿd#########d#########2##□##□õ□#□
##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########□###Purpose: Documents Test Strategy for
Life Cycle   From: Program Manager   To:
Headquarters and / or OSD   Req. Source: DOD 5000.2-R#

```
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##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########¾###         - Acquisition Program
Baseline (APB)                - Software Development Plan (draft)            -
Mission Needs Statement (MNS)            - Risk Program Assessment Plan
      - Operational Requirement Document (ORD)
```

#################,##########################ÿ□#ÿÿd#########d#########2##□##ºõí#»
c#ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########□###Major Automated Information System Review Council (MAISRC) orDLA Automated Information System Review Council (DAISRC) Milestone 0 Approval

#################,##########################ÿ#ÿÿd#########d#########2####õ#
##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########|###   1. Plan and Budget   2. Format Mandatory from DOD 5000.2-R   3. Requirements Traceability 4. Overview System Development

```
#################,##########################ÿ□#ÿÿd#########d#########2##□##ºõý#»
s#ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########□###5.  Define Systems to be tested6.
Plan Risk reduction while optimizing use       of test resources 7.  Develop Test
Master Schedule8.  Define Test Procedures
```

#################,##########################ÿ□#ÿÿd#########d#########2##□##□õ}ý ÿ#
#ÿÿ####ÿÿ####TÿnÿÿK#########d#########ª### 9. Ensure testing supports
certification of readiness10. Plan for Modeling / Simulation   11. DISA/JITC
Prepares Operational Test Plan   12. Submit TEMP for review

```
#################,########################ÿ□#ÿÿd#########d#########2##□##□õ□#□
#############T#n###K#########d######### ###               - Signed by Program
Manager(DAISRC)   - Approved by DLA/CANI and DLA/CAN(MAISRC) - Approved by
OSD/DTSE&E                - Approved by Milestone Decision Authority
```

#################,##########################ÿ□#ÿÿd#########d#########2##□##□õ□#□
##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########□###Purpose: Document High Level Test
Plans   From: Test Team and Project Manager   To:
Customer   Req. Source: MIL-STD 498

```
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Ó#ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########ç###         - SubSystem Specification
(SSS)       - Software Development Plan        - Logical data model/Process model
(User□s view)          - Risk Assessment Plan       - Operational Requirement
Documentation          - TEMP           - other baseline requirement Documents#
```

#################,########################ÿ□#ÿÿd#########d#########2##□##□õ□#□
##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########Y###

1. Plan and Budget

2. Determine Scope and Objectives

3. Identify Test Resources

#

```
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##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########_###   4.  Determine :   - Test Levels
                  - Test Classes                      - Test Procedures
      and   - Planned Testst
```

#################,#########################ÿ□#ÿÿd#########d#########2##□##□õ□#□
##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########□###

5. Develop Test Schedule 6. Ensure Requirements Traceability 7. Determine need for Peer Review 8. Deliver Software Test Plan (STP)

```
#################,##########################ÿ□#ÿÿd#########d#########2##□##□õ□#□
##############T#n###K#########d#########W###                     EXIT CRITERIA:
       - Meet Configuration Mgt Procedures            - Customer Approval
        #
```

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##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########□###Purpose: Document Input, Test Scripts,
and expected results     From:        Test Team (includes Customer)
To:     Actual Testers             Req. Source: MIL-STD 498s
```

```
#################(########################ÿ□#ÿÿd#########d#########2##□##Zõ#[
##############T#n###K#########d#########ñ###    - Sub System Specification (SSS)
      - Software Development Plan   - Software Test Plan    - Logical Data
Model/Process Model (User□s View)   - Risk Assessment Plan  - Operational
Requirement Documentation           - other baseline requirement Documentsj
```

#################(##########################ÿ□#ÿÿd#########d#########2##□##ºõí#»
c#ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########9###   Projects with Software Test
Description Requirements   #

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##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########v###

1. Obtain available input documents
2. Determine Scope required for Testing
3. Define Pre-Test Preparation

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Ã#ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########µ###   4. Develop and Record □Detailed□
Test Procedures   - Test inputs, Expected results, Test dependencies
      - Assumptions and Constraints 5. Update Requirements Traceability Matrix#

```
#################(#########################ÿ□#ÿÿd#########d#########2##□##□õ□#□
##############T#n###K#########d#########W###EXIT CRITERIA:              - Meet
Configuration Mgt Procedures               - Customer Approval
#
```

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##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########z###Purpose:  Document Test Results
From:   Test Team and Project Manager                    To:      Customer
Req. Source: MIL-STD 498
```

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##ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########x###INPUT: - SSS/IRS   - Software Test
Plan   - Software Test Description   - TEMP
      - other baseline requirement Documents

```
#################,##########################ÿ#ÿÿd#########d#########2######õ##
##############T#n###K#########d#########N###ENTRY CRITERIA:                  Ready
for Actual Test and                Documentation of Test Results
```

```
#################,##########################ÿ□#ÿÿd#########d#########2##□##êõ#ë
□#############T#n###K#########d#########l###1.  Review input documents2. Review
scope from STP and STD3. Report Overall Assessment of Test Results
```

```
#################,##########################ÿ□#ÿÿd#########d#########2##□##ºõ#»
□#ÿÿ####ÿÿ####Tÿn#ÿÿK#########d#########□###    4. Report Detailed Results and
Problem Reports   5.  Test Log Information     6.  Determine need for Peer Review
      7.  Provide Report to Program Manager#
```

```
#################,#########################ÿ□#ÿÿd#########d#########2##□##□õ□#□
##############T#n###K#########d#########V###EXIT CRITERIA:        - Meet
Configuration Mgt Procedures        - Deliver report to Customer
```

#################,##########################ÿ□#ÿÿd#########d#########2##□##□õ}ý□
##ÿÿ####ÿÿ####Uÿu#ÿÿK#########d#########§###Based on DoD 5000.2-RTest and Evaluation Master Plan (TEMP)Based on Mil-Std 498Software Test Plan (STP)Software Test Descriptions (STD) Software Test Report (STR)#

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#################,########################ÿ□#ÿÿd#########d#########2##□##□õ□#□
##ÿÿ####ÿÿ####Uÿu#ÿÿK#########d#########~###Test and Evaluation Master Plan (TEMP)
      Software Test Plan (STP)Software Test Descriptions (STD)Software Test Report
(STR)
```

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